



Election of Officers Is
This Month and a Big
Auction is Planned for
the Hamfest

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The Hamfest Is Almost
Here, Election of Officers
for 2018, and Stealth
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6-Meter Antenna
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Allen County HamNews

Fort Wayne Radio Club

Fort Wayne DX Association

Allen County Amateur Radio Technical Society

October 2017
Volume 18
Issue 10

PHOTOS OF THE FWRC AT THE SAFETY FAIR



More photos on page 9, [the FWRC's web page](#) and [Facebook page](#).
Photos provided by Linda Nardin, W9LAN, Tom Rupp, KU8T, and Al Burke, WB9SSE.

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Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at **AB9ZD (at)ARRL.NET**. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is a few days before the end of the preceding month.

Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
ACARTS:	http://groups.yahoo.com/group/FWRC/
Fort Wayne DX Association:	http://www.qsl.net/fwdx/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

FORT WAYNE RADIO CLUB MEETING MINUTES

The September meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 15 September 2017, club president Charles Ward, KC9MUT presiding. There were about 30 people in attendance. After reciting the Pledge of Allegiance everyone present introduced themselves via their call sign.

Charles opened nominations for club officer and Board of Director positions. The club will vote on those running for the various positions at the October meeting. Those persons willing to run were as follows:

President, Charles Ward, KC9MUT and Brian Jenks, WB9BGJ

Vice President, Carole Burke, WB9RUS

Secretary, Al Burke, WB9SSE

Treasurer, Bob Streeter, W8ST

Communications Manager, Fred Van Kempen, KA4YBR and Brian Jenks, WB9BGJ

Board of Directors, Linda Nardin, W9LAN, Steve Nardin, W9SAN, Paul Prestia, KA3OPZ, Steve Shannon, K9SKS, Larry Averbeck, W9FLA

Nominations will be reopened at the October meeting just prior to the elections.

Treasurer Bob Streeter, W8ST provided the status of the treasury. As of 15 September 2017 the numbers were as follows:

Income year-to-date	\$4,410.44
Expenses year-to-date	\$7,540.53
Cash on hand	\$ 177.18
Checking	\$2,285.36
Savings	\$7,825.49

October 20: Election of officers for 2018.

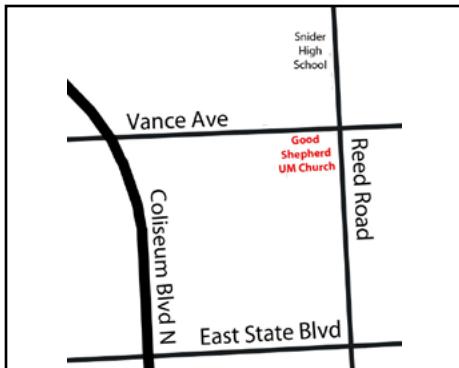
Current membership: 129 members
2 prepaid for 2018

Al Burke, WB9SSE gave a repeater status report. We received the replacement batteries for the Parrott Rd. systems (146.940 and D-STAR) UPS. After installing the UPS batteries we still could not get the UPS to start and concluded that the UPS itself had failed in addition to the batteries. The UPS was removed from the site and is currently on Jim Pliett, K9OMA's bench to determine if it can be repaired. So Parrott Rd. is currently operating without its UPS.

Paul Prestia, KA3OPZ and Bruce Dennis, N3QKK determined that the UHF preamp for the D-STAR system had failed, so while D-STAR is functioning, it can't hear very well. A search for a replacement preamp is underway.

The racks for the 146.76 and 444.875 machines at Robison Park were repositioned to allow for better access to them from the rear as well as the front. In addition revisions to the feedline entry points to the building were installed to remove the no longer used (I&M) waveguides and seal of all entry point holes. The interior and exterior grounding of the feedlines were also upgraded.

It was noticed that the Robison Park UPS batteries had failed and will need to be replaced. The cost to replace the Robison Park UPS batteries will be just under \$200.00. So Al Burke made a motion that



Officers

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W9TE Trustee
Carole Burke, WB9RUS

Webmaster
Jay Farlow, W9LW

Unless otherwise scheduled, all meetings are held at 7:00 PM at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

the club authorize \$200.00 to purchase new batteries. The motion was seconded and voted on in the affirmative by the members present.

Charles requested that a formal committee be formed to coordinate activities for the club's 100th year anniversary which will occur in 2020. The tasks will include planning special event station activities, developing QSL cards for the special event station, and developing ideas for possible collectables such as T-shirts, hats, emblems, key-chains and so forth. Folks who indicated they'd be willing to serve on the committee included Bob Streeter, Fred Van Kempen, Al Burke, Clark Derbyshire, KG9FM, and Charles Ward. If your interested in serving on this committee please contact Charles Ward.

Charles noted that there are several events that the club will participate in, or that could use participants to provide communications support. They are as follows:

The club will support the Fort Wayne Safety Fair to be held at Jefferson Point on 24 September. We will set up an HF and a VHF station to demonstrate ham radio communications and its benefits to the community. The Safety Fair runs from 10:00 am to 1:00 pm. So far about five club members indicated a willingness to support the event.

On Saturday, September 30th, the local ARES team will provide communications for a major happening in the Fort, the "Fort 4 Fitness". Starting with a full Marathon, and ending with a 4 mile run/walk, this event needs as many as 25 ham operators to provide event communications. You can contact Jim, KB9WWM, at SERVO300@AOL.COM, to volunteer for this event.

Steve Nardin commented that plans are being developed to use an auction at the Fort Wayne Hamfest this coming November to sell the considerable number of items from a deceased ham's estate.

This will be a first for the Fort Wayne Hamfest. The auction will occur on Sunday, 19 November.

Following the business meeting, Fred Van Kempen, KA4YBR provided a fascinating slide presentation entitled "Amateur Radio, There and Here", on the differences between ham operation in the US and Europe. The presentation was a real eye-opener. In a nutshell, US hams have it knocked relative to the bureaucratic/regulatory, space (for antenna) limitations, and power limitations that European hams have to contend with. All in all an excellent presentation. Thank you Fred.

The meeting concluded at about 8:45 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club

FWRC MEMBERS ATTEND THE FINDLAY HAMFEST



FINDLAY RADIO CLUB HAS ANOTHER SUCCESSFUL HAMFEST!

"We would like to send out a special thanks to all who participated in this year's Hamfest and helped make it a success. Our thanks go out not only to Findlay Radio Club members who helped put on the event but just as much so to the vendors and trunk sales who participated." **FRC**

Photos provided by Tom Rupp, KU8T.

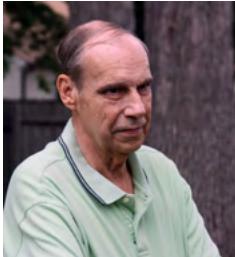
State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT's MESSAGE

Many thanks to Carl, K9LA, for a great presentation of solar cycle 24 and predictions for solar cycle 25, and also an overview of the hot new digital mode, FT8, at the September meeting.



a couple of hours and what days and time you would be available. In any event, mark the dates on your calendar so that you can attend and be part of the fun.

For all of you that live in neighborhoods with antenna restrictions, you don't want to miss the ACARTS meeting on October 17th. The program will be a presentation by Steve, W9SAN, on stealth antennas. He will present examples of what hams have done to get on the air in spite of living in restricted areas.

Remember, the Fort Wayne Hamfest is rapidly approaching. The dates are November 18th and 19th. Now is the time to reserve your table if you desire to be a vendor. If you want to help at the Hamfest, contact the Hamfest Chairman, Jim Boyer, KB9IH, at jamesboyer2693@gmail.com, and let him know your desire to work for

Also, November is the club elections for 2018. You can be a part of the club leadership and have a part in determining the club programs and activities by running for and becoming an officer or board member of ACARTS. Let me know your interest or possible interest in running for office by contacting me at w9lkh@comcast.net. I can answer any questions that you may have about the ACARTS board. ACARTS can always use fresh input and ideas. Now is your chance to let your ideas and thoughts be known.

73,

Dave Lindquist, W9LKH

President

ACARTS SEPTEMBER 2017 GENERAL MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Carl Luetzelschwab, K9LA, gave a presentation on the status of Cycle 24 and a look to Cycle 25, with a broad view of propagation over the next several years. He also talked a bit about the Ft. Wayne Hamfest forum that he and Jim, KR9U, are putting on about low band DXing. Finally, he discussed the explosion of the FT8 digital mode and how it allows modest stations to work DX.

October 17: Steve, W9SAN, will provide a presentation on stealth antennas.

Unless otherwise scheduled, all General meetings are held at 7:00 PM at the Red Cross Center, 1212 E California Rd, Fort Wayne, IN. Board meetings are held at the Salvation Army Facility.

Dave announced that the October meeting would be a presentation by Steve, W9SAN, on stealth antennas. He added that the November meeting would be the Hamfest Wrap-up and the club elections, and the December meeting would be the Christmas Dinner.

Joseph, K9RFZ, presented the poster he had made promoting the 50th anniversary of ACARTS.

Jim, KB9IH, announced that there would be a Hamfest Steering Committee



ACARTS Officers

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Manager for Hamfest:

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and Jim Boyer, KB9IH
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W9INX Trustee:

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Directors at Large

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Bernie Holm, K9JDF
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meeting next Tuesday, September 26th, at 7:00 p.m. at the Red Cross.

The board members stayed for a walk-through of the meeting setup procedures at the Red Cross, as Joseph, K9RFZ, will not be able to attend the October meeting.

Submitted by Dave Lindquist, W9LKH.

FORT WAYNE HAMFEST
& Computer Expo

45th Year

Allen County War Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. all indoors
(Coliseum Parking \$5 per vehicle)

Admission: \$6 Sat & Sun
\$3 Sun only
Children under 12 free (with adult)

2017 ARRL IN State Convention
WAS & DXCC Checking
New & Used Ham Dealers
Mail & Hourly Prizes
Equipment Check-out table
Talk-in 146.880-
Forums Sat only (see the website)
Tables: \$25 Regular (8ft)
\$50 Premium (8ft)
\$30 Electricity

Ham Radio License Testing (\$14)
9 AM till 12 PM Saturday

Get the latest information at
www.fortwaynehamfest.com

NOV 18&19 2017

SAT 9 AM to 4 PM
SUN 9 AM to 2 PM



ACARTS SEPTEMBER 2017 BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave stated that the picnic in August was a huge success, and that the comments that he had heard from those that attended, everyone is looking forward to a picnic next year.

Dave announced that the September meeting would be a presentation by Carl, K9LA. He added that Carl had another commitment later that evening, so the presentation would start at promptly 7:00 p.m. so that Carl could leave on time.

Dave announced that it had come to his attention that ACARTS had turned 50 years old in March. As it was getting too late in the year to hold any special celebrations, He asked about the possibility of a banner promoting the fact at the hamfest. Joseph, K9RFZ, said that he would try and print a three foot by three-foot poster.

Dave asked if everyone was in favor of again holding the Christmas Dinner at Hall's Guesthouse, or if anyone had any other suggestions. Everyone was in favor of the Guesthouse. Jim, KB9IH, asked if anyone thought that the dinner should be earlier than 7:00 p.m. After a discussion, Joseph, K9RFZ, made a motion to continue to hold the dinner at 7:00 p.m. The motion was seconded by Bernie, K9JDF, and passed by a voice vote.

Jim, KB9IH, announced that there would be a Hamfest Steering Committee meeting next Tuesday, September 26th.

No other business was discussed.

The meeting was adjourned at 8:30 p.m.

Submitted by Dave Lindquist, W9LKH

The Fort Wayne Hamfest & Computer Expo poster and forum schedule can be downloaded from www.fortwaynehamfest.com

HAMFEST FORUM SCHEDULE FOR SATURDAY, NOVEMBER 18 (No FORUMS ON SUNDAY)

RED ROOM		
9:00 - 12:00	VE Testing	by W5YI. Cost is \$14.00. Photo ID & one other form of identification required. Copy of current license if upgrading.
12:15 - 1:15	AMSAT	by Gerd Schrick WB8IFM and Steve Coy K8UD
1:30 - 2:30	Young Ladies Radio League	by Carole Burke WB9RUS
2:45 - 4:00	Indiana Repeater Council	by Bob Burns W9BU
WHITE ROOM		
10:00 - 11:00	ARRL Forum	Bob Allision WB1GCM ARRL Product Review Engineer Kermit Carlson W9XA Director Central Division Carl Luetzelschwab K9LA ARRL Vice Director Central Division Brent Walls N9BA Indiana Section Manager Amateur of the Year Award
11:15 - 12:15	NTS Traffic Nets	Brian Jenks W9BGJ, ARRL Section Traffic Manager Brent Walls N9BA Indiana Section Manager Jerry Fray N9TU Indiana Net Manager
12:30 - 1:45	VHF/UHF Digital Voice and System Fusion Introduction	by Mark Thompson WB9QZB
2:00 - 3:00	ARES	by Jim Moehring KB9WWM ACEC Brent Walls N9BA Indiana Section Manager
3:15 - 4:00	QRP	by Bill Kelsey N8ET
Archer Room		
11:00 - 1:00	Low Band DXing	by Carl Luetzelschwab K9LA and Jim Wolf KR9U
1:15 - 2:00	Raspberry Pi	by James Baughn K9EOH
2:15 - 3:00	Remote Stations	by Carl Luetzelschwab K9LA
3:15 - 4:00	ARRL Representative Forum	by Bob Allison WB1GCM, ARRL Product Review Engineer



Carl Luetzelschwab, K9LA

The August column about the June ARRL VHF contest got me thinking about an antenna system for contesting on 6-Meters. One thing I didn't mention in the column was that I have a 6-Meter Yagi – it's an MFJ-1762, but it's still new-in-box sitting in the garage (a lot of good it does there, right?). So my first thought is to put up the Yagi (along with a rotator) and have fun. It would also be good for DXing. It's just a little 3-element design weighing 2 pounds on a 6-foot boom, so it's not a major undertaking to put it up.

But looking at my 6-Meter QSOs from the VHF contest shows that there were separate sporadic E clouds at the same time. For example, I worked a station in EL98 (to the Northeast), and then a couple minutes later I worked a station in FN34 (to the Southeast). I easily heard both of them without doing anything since I was using my HF log periodic dipole array (Tennadyne T6), which has some directivity – but not much. If I had been using a Yagi with a good front-to-side ratio, I may not have heard both stations without turning the Yagi in the appropriate direction.

This leads me to thinking about an omni-directional antenna like a halo (a circular loop) or a square loop (often called a 'squalo'). But then I'd lose gain compared to the Yagi. Of course I could stack two of them for about 3 dB gain – or even stack four of them for about 6 dB gain, which is about the gain of the 3-element Yagi.

I'm also thinking I should do something for 6-Meters like I did for the ARRL 10-Meter Contests. For those contests I'd have the T6 on the East tower pointed towards the Southeast (for the Caribbean

DREAMING ABOUT A 6-METER ANTENNA SYSTEM

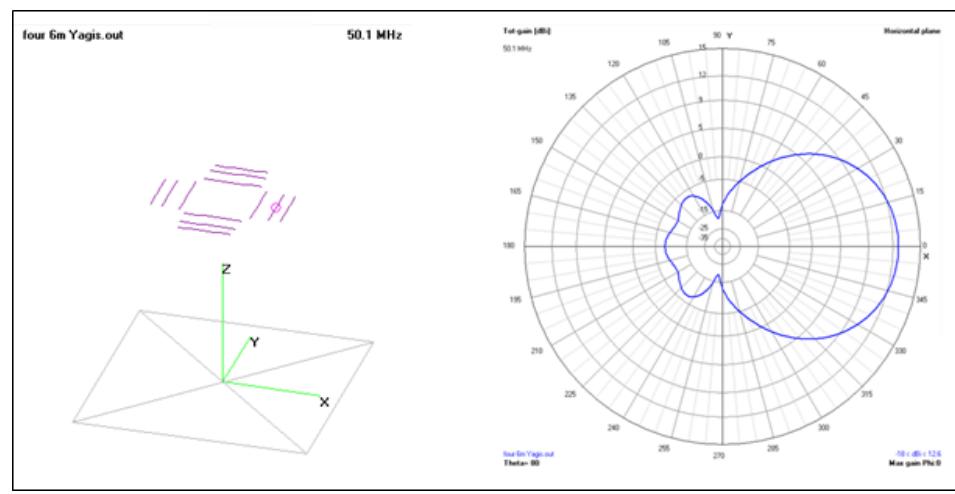
and South America), a 4-element monobander fixed to the Southwest on the West tower (for VK/ZL) and the 5-element monobander rotatable on the West tower (for EU and JA). That set-up worked great – with a flick of the antenna select switch, I could pretty much cover the world since EU and JA openings usually aren't simultaneous.

Thus what I could do is buy three more MFJ-1762s, and mount all four on my little Rohn 25 tower. One would point to the NE, one to the SE, one to the SW and the other to the NW. They'd all be at the same height by extending the booms on the reflector end of each antenna and mounting the extended portion of the boom to the tower. The problem could be the mechanical design – the extended booms would have to be at least half the length of the longest element away from tower. I'd use an Ameritron 4-position remote coax switch to instantly select the desired direction.

I've already modeled the 4-Yagi array. See the accompanying image for the geometry (on the left) and the azimuth

pattern (on the right). As expected, there is not much interaction between any selected Yagi and the other three due to the physical orientation (they are orthogonal and back-to-back). I will model the elevation pattern of the stacked omnidirectional antennas, as the concern is too narrow of an elevation pattern. For a discussion of 6-Meter sporadic E elevation angles, visit:

https://k9la.us/Elevation_Angles_Required_for_6m_Sporadic_E.pdf



NWS NORTHERN INDIANA PUBLISHES SPOTTER TRAINING VIDEOS

By Jay Farlow, W9LW, Allen County SKYWARN net manager and Michael Lewis, KG4KJQ, NWS Warning Coordination Meteorologist

In September, the northern Indiana office of the National Weather Service (NWS) published a series of new, SKYWARN storm spotter training videos. They're available on YouTube. If the previous link doesn't work for you, just go to www.youtube.com and search for "2017 NWS Northern Indiana SKYWARN Spotter Training." These videos are valuable to anyone who is newly interested in the SKYWARN storm spotter program and to trained spotters who wish to refresh their knowledge in advance of the second tornado season that occurs in our area in autumn. Below is information provided by Michael Lewis, the warning coordination meteorologist at the northern Indiana NWS office.

Following every spotter training season (conducted February and March annually), the National Weather Service in northern Indiana receives numerous requests for spotter training. These requests often continue throughout the year, but given our workload and training requirements, it has been difficult to schedule additional training.

With that in mind, we are pleased to announce an update to the NWS northern Indiana YouTube channel to include the entire 2017 spotter program. The program is presented in several short segments, and viewing the entire program will take about 90 minutes.

Why are we doing this?

As stated above, we receive requests for spotter training, with most of the requests following severe weather events. These videos will serve as a way to provide review for previously trained spotters, quick reference messages leading up to events, and a way for people who have not previously received spotter training to get up to speed before attending one of the in-person sessions conducted in February and March.

Recordings of previous spotter training sessions are also available on the YouTube Channel. This is not new, it's just our



way of providing more information.

I watched the videos. Am I now a certified spotter?

Well, no, mostly because there's no such thing as a certified SKYWARN storm spotter. The SKYWARN program is **not** a certification program. We don't test spotters and we don't check to assure compliance or adherence to policy, things required by certification programs in other fields.

Spotters are trusted volunteers who have committed to attend training and follow protocols that assure safe observing and reporting practices. The videos are meant to provide a resource and **do not** replace in-person spotter training.

The live, in-person sessions provide a deeper learning environment; including conversation and sharing of ideas, concepts and procedures. This learning environment cannot be duplicated by watching the videos.

When will I get my spotter number?

The NWS in Northern Indiana does not issue spotter numbers. The reality is that the spotter numbers do not provide any benefit during rapidly evolving weather events. Quite the contrary, trying to find a number in a database or computer system after a spotter calls in a report would be cumbersome and could lead to significant delays in getting the report to our partners.

We have found that when spotters follow the simple reporting technique that we train them to use, we can process their reports rapidly, even during the busiest severe weather operations. The reporting technique is presented in spotter training and a reference can be found online at the

[northern Indiana SKYWARN webpage](#).

I viewed the video, but I have a lot of questions. How can I reach the NWS?

There are many ways to reach the NWS but the best way to ask specific questions about the spotter training is via e-mail to w-iwx.webmaster@noaa.gov. Be sure to provide as much detail as possible (e.g. what video you were watching, what section, etc.).

Because you have these videos online, does this mean that the NWS will not be offering spotter training in 2018?

Nope, we're still hosting spotter training in February and March 2018. The in-person classes will be scattered throughout our area of responsibility (what we at NWS call our "county warning area") and the schedule will be announced in December.

Last year, we hosted several "webinar" based spotter classes and we envision a similar approach in 2018.

How do I find out more about the NWS northern Indiana spotter program?

It's all online and we keep the page updated with links and resources, training materials and spotter aids, and schedules of upcoming training. [Bookmark this web page and refer to it regularly](#).

CNN HEADLINE:

Ham radio operators are saving Puerto Rico one transmission at a time

Click to see the video / read the article:

<http://www.cnn.com/2017/09/27/us/puerto-rico-maria-ham-radio-operators-trnd/index.html>

THE FOXHUNT CHRONICLES FOR SEPTEMBER 2017

September's foxhunt occurred on Sunday 10 September, again with a reduced number of hunters in the game because that Sunday was also the date of the Findlay Hamfest. So the hunters that participated consisted of the team of Linda and Steve Nardin, K9's LAN and SAN and their grandson Alex, the team of Charles Ward, KC9MUT, Fred Gengnagle, KC9EZP and Phil Hooper, AB9IZ, and individual hunter Clarke Derbyshire, KG9FM.

Serving as the fox was Don Glick, K9LI, who situated himself in Reservoir Park (now known as Ivan Lebamoff Park) on the corner of Creighton Ave. and South Clinton St., a few blocks south of Parkview Field. Don used a 5-watt hand held to taunt the hunters who were initially situ-



ated at Cobin Memorial Field. He emplaced the microfox within a metal birdhouse on the grounds of Reservoir Park and both he and it squawked on the usual foxhunt frequency of 146.430 MHz.

The hunters heard Don's initial transmissions despite his use of the 5-watt handheld, most likely because he transmitted from a high spot at the Park. Since I was not at the hunt (being in Findlay drooling over used Collins gear), I cannot specifically attest to all of the gyrations that the hunters went through, but

sufficed to say the Nardin and the Ward/Gengnagle/Hooper teams eventually localized the hide location, with Fred first to find the microfox. Unfortunately, Clarke experienced equipment problems as was not able to finish the hunt.

Given the order of finding the microfox, the Ward/Gengnagle/Hooper team will serve as the fox for the October hunt (which will occur on 1 October). Rumor is that Phil's going to dress up like a pumpkin and hide out with the microfox in a patch somewhere around Leo.

Points earned for the September hunt and cumulative points to date are as follows:

Call	Score This Month	Year to Date
WB9RUS	0	5
WB9SSE	0	8
K9OMA	0	10.33
KA9YYI	0	8.33
KC9MUT	3	25.67
KC9EZP	4	24.67
W9SAN	2	9
W9LAN	2	10
Alex	2	5
KC9UOQ	0	9.33
KK4QXC	0	8.33
K9LI	5	20
KG9FM	0	5.67
AB9IZ	3	3

We have two remaining contests this year. Why don't you join in on the fun?

73's

Al Burke, WB9SSE

2017 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2017. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

October 1
November 5



Do You Want to be a Radio Amateur?

Are You a Ham That Would Like to Learn Morse Code?

Please attend the informational meeting on October 11 at IPFW in Kettler Hall Room 249.

Time 7 PM

AMATEUR RADIO'S FORCE OF FIFTY ANSWERS THE RED CROSS CALL IN PUERTO RICO

News from ARRL. For the full article, go to:

<http://www.arrl.org/news/amateur-radio-s-force-of-fifty-answers-the-red-cross-call-in-puerto-rico>

be entered in the Red Cross "Safe & Well" website.

How You Can Help

In a letter to all ARRL members, ARRL President Rick Roderick, K5UR, asked for contributions to ARRL's Ham Aid fund. "Equipment has been flying out the door since Hurricane Harvey struck the US mainland," he emphasized. "From meeting requirements in aid of Hurricane Irma victims in the US Virgin Island and Florida, our store of Ham Aid kits has been depleted."

<https://www.arrl.org/arrrl-donation-form>

MORE PHOTOS FROM THE SAFETY FAIR



Classified Ads

Items for Sale

Want to Buy



If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at **AB9ZD(at)ARRL.NET**.

Help Wanted

Sam Adams is looking for 2 helpers for unloading and setup at the hamfest. He will pay \$50 each for 4-5 hours work beginning at 2:00pm Friday. Contact Satellite Sam Adams KG4JMN 434-942-8057 or samueladamsjr@yahoo.com.



CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contests include:

ARRL Contest Corral Web page	www.arrl.org/contests	ARRL's National Contest Journal	www.arrl.org/ncj
ARRL Contest Update	www.arrl.org/contest-update-issues	Contesting On-Line	www.contesting.com
WA7BNM Contest Calendar	www.hornucopia.com/contestcal/	DXNews	http://dxnews.com
DX Zone Contesting	www.dxzone.com/catalog/Contesting/	ARRL Contest Calendar	www.arrl.org/contest-calendar

YLRL DX/NA YL ANNIVERSARY CONTEST			CALIFORNIA QSO PARTY			PENNSYLVANIA QSO PARTY		
OCTOBER 6, 1400Z	OCTOBER 8, 0200Z		OCTOBER 7, 1600Z		OCTOBER 8, 2200Z	OCTOBER 14, 1600Z		OCTOBER 15, 2200Z
1.8-28	50+	PHONE, CW, DIGITAL	1.8-28	-	PHONE, CW	1.8-28	50,144	PHONE, CW, DIGITAL
SERIAL, RS(T), SECTION/PROVINCE/COUNTRY			SERIAL, COUNTY OR SPC			SERIAL, COUNTY OR SPC		
http://ylrl.org/			www.cqp.org/Rules.html			www.nittany-arc.net/		
ARIZONA QSO PARTY			ARRL SCHOOL CLUB ROUNDUP			NEW YORK QSO PARTY		
OCTOBER 14, 1600Z	SEPTEMBER 15, 2359Z		OCTOBER 16, 1300Z	OCTOBER 20, 2359Z		OCTOBER 21, 1400Z	OCTOBER 22, 0200Z	
1.8-28	50,144	PHONE, CW, DIGITAL	1.8-28	50+	PHONE, CW	1.8-28	50+	PHONE, CW, DIGITAL
SERIAL, COUNTY OR SPC			RS(T), CLASS (I/C/S), SPC			RS(T), COUNTY OR SPC		
www.azqsoparty.org/			www.arrl.org/school-club-roundup			www.nyqp.org		
SOUTH DAKOTA QSO PARTY			ILLINOIS QSO PARTY			CQ WORLDWIDE DX CONTEST, SSB		
OCTOBER 21, 1800Z	OCTOBER 22, 1800Z		OCTOBER 22, 1700Z	OCTOBER 23, 0100Z		OCTOBER 28, 1400Z	OCTOBER 29, 2000Z	
1.8-28	50+	PHONE, CW, DIGITAL	1.8-28	50,144	PHONE	1.8-28	-	PHONE
RS(T), COUNTY OR SPC			RS(T), COUNTY OR SPC			RS, CQ ZONE		
www.kb0wsw.com/SDQP			www.w9awe.org/ILQP.html			www.cqww.com/rules.htm		

ACARTS (W9INX) REPEATERS			FWRC (W9TE) REPEATERS			OTHER AREA REPEATERS			
Freq/Offset	Input Tone		Freq/Offset	Input Tone		Call	Freq/ Offset	Input Tone	
146.880 (-)	No tone	General use / Skywarn priority	146.760 (-)	No tone	General use (Note 1)	W9FEZ	145.330 (-)	No tone	Fort Wayne
147.255 (+)	No tone	General use	146.910 (-)	No tone	General use (Notes 1 and 4)	W9FEZ	224.780 (-)	No tone	Fort Wayne (Note 1)
443.800 (+)	No tone	General use	146.940 (-)	141.3 Hz required	General use (Notes 1 and 3)	W9FEZ	444.800 (+)	No tone	Fort Wayne (Note 1)
144.390 (s)	Digital	APRS - wide	444.875 (+)	141.3 Hz required	General use (Note 1)	K9MMQ	443.100 (+)	N/A	Fort Wayne, DMR
145.530 (s)	Digital	W9INX-1 Digipeater and Node	442.99375	D-STAR	General use (Note 2)	K9MMQ	443.275 (+)	141.3 Hz required	Fort Wayne
Notes:			Notes:			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
General Note: Standard 0.6 MHz (2-meter), 1.6 MHz (1.25-meter) and 5.0 MHz (70-cm) frequency offsets are used for all repeaters unless otherwise indicated.			1. 141.3 Hz output tone present 2. Offset + 5.0 MHz, W9TE ____ B, W9TE ____ G 3. Yaesu System Fusion repeater, supports both FM (analog) and C4FM (digital) voice 4. EchoLink connection repeater Node number 519521			W9AVW	444.250 (+)	141.3 Hz required	Fort Wayne
						W9OU	147.015 (+)	No tone	Auburn
						WC9AR	145.270 (-)	131.8 Hz required	Columbia City
						WC9AR	444.550 (+)	131.8 Hz required	Columbia City
						K9HC	146.685 (-)	141.3 Hz required	Huntington
						N9BCP	147.150 (+)	97.4 Hz required	Ligonier
						Notes:			
			1. 141.3 Hz output tone present						
<p>Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at AB9ZD(at)ARRL.NET several days before the first of the month. If you notice information that needs changed, please contact the newsletter editor by email.</p> <p>The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 10.</p>									

Membership Application for ACARTS OR FWRC

Name: _____ Call sign: _____ License class: _____

Street address: _____ City: _____

State: _____ ZIP : _____ - _____ Phone #: (_____) _____ - _____ Unlisted? Yes

Email address: _____ ARRL Member? Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? Yes No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$25.00/yr. premium.

How would you like your newsletter delivered? by snail mail download from web site.

A.C.A.R.T.S. Dues

Regular membership	<input type="checkbox"/> \$12.00 / year
Additional family members ¹	<input type="checkbox"/> \$6.00 / year
Student membership ²	<input type="checkbox"/> \$6.00 / year
Associate membership ³	<input type="checkbox"/> \$6.00 / year

(New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership	<input type="checkbox"/> \$20.00 / year
Family membership ¹	<input type="checkbox"/> \$30.00 / year
Student membership ²	<input type="checkbox"/> \$5.00 / year
Associate membership ³	<input type="checkbox"/> \$20.00 / year
Mailed newsletter premium	<input type="checkbox"/> \$25.00 / year

(Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. Unlicensed member

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS
PO Box 10342
Fort Wayne, IN 46851-0342

Fort Wayne Radio Club.
PO Box 15127
Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

Special Event Stations This Month		
Albuquerque Internatl Balloon Fiesta		
Oct 7-15	0000Z-2359Z	W5B
www.nm5hd.com		
Great Lakes Hamcon		
Oct 7-8	1300Z-1800Z	K8MIS
http://glhamcon.org/		
NASA Johnson Space Center		
Oct 13-15	1700Z-2200Z	W5RRR
http://w5rrr.org/		
60th Jamboree On The Air (JOTA)		
Oct 20-22	0000Z-2359Z	K6J
https://www.qrz.com/db/k6j		
Halloween Howl		
Oct 31	0001Z-2359Z	K4TLH
http://k4tlh.net/		

For a complete listing of special event stations, check the listing in QST and the ARRL web page:

www.arrl.org/special-event-stations

AREA NETS			
Daily		Tuesday	
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM 50.580 USB FWRC 6 Meter Net
8:30 AM	3.940	Daily Indiana Traffic Net	9:00 PM 146.940- Allen Co. ARES Training Net
Wednesday			
6:00 PM	3.940	Daily Indiana Traffic Net	7:00 PM 146.760- FWRC YL Net
6:30 PM	146.880-	IMO (alternate is 146.760)	7:30 PM 147.150+ 21 Repeater Group
7:00 PM	147.015+	Tri State Two Meter Net	8:00 PM 145.270- Whitley Co. ARES (131.8 PL disabled)
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	9:00 PM 146.940- Help and Swap Net
Week Days			
8:30 AM	3.820	Little Red Barn Net	7:30 PM D-STAR Indiana D-STAR net (Note 3)
Sunday			
8:00 PM	444.550+	Whitley Co. Sunday (131.8 PL)	8:00 PM 50.580 AM 6 Meter AM Net
8:30 PM	1.965 & 146.910-	"No-Name" Net also on EchoLink Node number 519521	8:30 PM 145.510 (s) Allen County ARES Digital Operations Team Training Net (Note 4)
Saturday			
9:00 PM	145.530	Northeast Indiana Packet Net (Note 2)	
Monday			
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM 146.685- Huntington ARES

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at AB9ZD (at) ARRL.NET.**

2. On 145.530 @ 1200 baud. Use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.

3. 1st and 3rd Thursday, Reflector REFO24B.

4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLSMSG, and FLAMP) is preferred.

5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>

To:

Activities Calendar



Date	Time	Event	Place
10/01/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
10/10/2017	7:00 PM	FWRC Board Meeting	GSUMC
10/10/2017	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
10/17/2017	7:00 PM	ACARTS General Meeting	American Red Cross
10/20/2017	7:00 PM	FWRC General Meeting	GSUMC
10/31/2017	7:00 PM	FWRC Board Meeting	GSUMC
11/05/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
11/10/2017	7:00 PM	FWRC General Meeting	GSUMC
11/14/2017	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
11/18/2017	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum
11/19/2017	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum
11/21/2017	7:00 PM	ACARTS General Meeting	American Red Cross